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February 2, 2011

VIA EFS-WEB

Commissioner for Patents
Attention: Certificates of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF ELECTRONIC TRANSMISSION

I hereby certify that this correspondence is being
electronically filed with the United States Patent and
Trademark Office via EFS-Web on the date below:

February 2, 2011
Date


Travis M. Wohlers

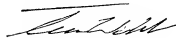
Re: Request for Certificate of Correction
Patent No. 7,847,084 Dated: December 7, 2010
Application No. 10/539,956 Confirmation No.: 9208
Entitled: "VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA SPECIES AND
STRAINS" - Steven J. NORRIS
Our Ref.: UTSB:264US

Commissioner:

Attached is form PTO-1050. Errors of a minor nature are thereon corrected. The errors are due to applicant. A Certificate of Correction is requested under 35 U.S.C. § 255.

The required fee set forth in 37 C.F.R. § 1.20(a) is included. If the fee is inadvertently omitted, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to this document, or should an overpayment be included, the Commissioner is authorized to deduct or credit said fees from or to Fulbright & Jaworski Deposit Account No. 50-1212/UTSB:264US.

Respectfully submitted,



Travis M. Wohlers

TMW/jst
Attachment

UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO. : 7,847,084
 DATED : December 7, 2010
 INVENTOR(S) : Steven J. NORRIS

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 1, lines 8-10, delete

"The government owns rights in the present invention pursuant to grant number AI37277 from the National Institutes of Health." and insert

--This invention was made with government support under grant number AI037277 awarded by the National Institutes of Health. The government has certain rights in the invention--.

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PATENT NO. 7,847,084
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